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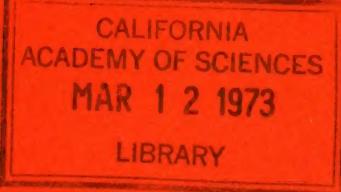
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Type Specimens of Mammals in the National Museum of Natural Sciences, Ottawa

Phillip M. Youngman



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Natural Sciences, Ottawa**

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**Type Specimens of Mammals
in the National Museum of
Natural Sciences, Ottawa**

Phillip M. Youngman

Biographical Note

Phillip M. Youngman received his M.A. in Zoology at the University of Kansas. He has worked as a marine biologist in the West Indies and as a mammalogist with the U.S. Army in Korea. He has taught at the University of Tampa, Florida and at St. Patrick's College, Ottawa. Mr. Youngman is a leading researcher into the systematics and distribution of mammals in the western Arctic. Among the numerous scientific papers which he has contributed to various journals are studies on the ecology of Korean rodents, the systematics of pocket gophers, the systematics and distribution of arctic mammals, the systematics of insular populations of voles, and the serology of Arctic Ground Squirrels.

A member of several scientific societies, Mr. Youngman was Associate Editor (Mammalogy) of the *Canadian Field Naturalist* from 1961-1970. He has been Curator of Mammals at the National Museum of Natural Sciences since 1960.

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Summary

The collection of Recent mammals at the National Museum of Natural Sciences, Ottawa, includes holotypes of five insectivores, four lagomorphs, 35 rodents, 10 carnivores, two pinnipeds, and two artiodactyls, as well as three neotypes of the latter order.

Résumé

La collection de mammifères du quaternaire que possède le Musée national des Sciences naturelles, à Ottawa, groupe les holotypes de cinq insectivores, quatre lagomorphes, 35 rongeurs, 10 carnassiers, deux pinnipèdes et deux artiodactyles ainsi que trois néotypes de ce dernier ordre.

Preface

The *International Code of Zoological Nomenclature** and the International Council of Museums (*A Preliminary List of Catalogues of Type Specimens in Zoology and Palaeontology* by A. W. F. Banfield†) have recommended that institutions possessing type specimens publish lists of this material.

The format of the present list is similar to that used in *Herpetological Type-Specimens in the University of Illinois Museum of Natural History* by H. M. Smith et al.‡

The list does not attempt to record the current status of the names based upon these types because of the subjectivity and possible ephemerality of current publications.

The sequence of data recorded here for each type specimen is as follows: (1) name (original), (2) author(s), (3) publication in which the description appears, (4) nature of the specimen (holotype, neotype), (5) catalogue number (Nat. Mus. Canada), (6) locality (sometimes abridged), (7) date the specimen was collected, (8) collector(s), (9) list of paratypes where appropriate.

*Int. Trust for Zool. Nomen. (recommendation 72 D), London, 1964.

†Bucharest, State Committee of Culture and Art, 1968.

‡*Ill. Biol. Monog.* 32, Urbana, Univ. of Illinois Press, 1964.



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Type Specimens of Mammals

Insectivora

Sorex belli Merriam

Proc. Biol. Soc. Washington 7:25, 1892

Holotype 46

Shamattawa River, Kenora District,
Ontario

1885, P. M. Mathews

1938, C. J. Guiguet

Paratypes 15822 - 15831, 15833,
15834

Sorex obscurus soperi Anderson and
Rand

Canadian Field Nat. 59(2):47, 1945

Holotype 18249

2½ mi. NW Lake Audy, Riding Moun-
tain National Park, Manitoba

1910, J. D. Soper

Ochotona princeps septentrionalis

Cowan and Racey

Canadian Field Nat. 60:102, 1947

Holotype 34513

Itcha Mountains, Chilcotin, British
Columbia

1931, K. Racey

Sorex palustris brooksi Anderson

Canadian Field Nat. 48(8):134, 1934

Holotype 12370

Black Creek, Comox District, east coast
Vancouver Island, British Columbia

1934, A. Brooks

Lepus arcticus andersoni Nelson

Proc. Biol. Soc. Washington 47:85,
1934

Holotype 2858

Cape Barrow, Coronation Gulf, N.W.T.

1915, R. M. Anderson

Paratype 2860

Lepus arcticus banksicola Manning and
Macpherson

Arctic Inst. North America, Tech. Paper
2:8, 1958

Holotype 20973

Banks Island, Northwest Territories

1952, T. H. Manning

Paratypes 20971, 20974 - 20977

Rodentia

Tamias striatus quebecensis Cameron

J. Mamm. 31(3):347, 1950

Holotype 18987

St Felicien, Lake St. John County,
Quebec

1946, P. A. Orkin

Paratypes 18988, 18989

Eutamias minimus hudsonius Anderson
and Rand

Canadian Field Nat. 57(7,8):133, 1944

Holotype 14786

Bird, Hudson Bay Railway, Mi. 349,
Manitoba

1936, R. W. Smith

Paratypes 14789, 14796

Lagomorpha

Ochotona princeps littoralis Cowan

Murrelet 35:22, 1955

Holotype 15825

Hagensborg, British Columbia

<i>Eutamias minimus selkirki</i> Cowan	<i>Glaucomys sabrinus goodwini</i> Anderson
Proc. Biol. Soc. Washington 59:113, 1946	Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 55, 1943
Holotype 34512	Holotype 4959
Paradise Mine near Toby Creek, 19 mi. W Invermere, British Columbia	Berry Mountain Camp, junction Berry Mountain Brook and Grand Cascapedia River, Matane County, Quebec
1945, I. McTaggart Cowan	1923, R. M. Anderson
<i>Marmota monax johnsoni</i> Anderson	<i>Glaucomys sabrinus gouldi</i> Anderson
Ann. Rept. Provancher Soc. Nat. Hist. Canada, 1942, p. 53, 1943	Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 56, 1943
Holotype 2473	Holotype 13873
Percé, Gaspé County, Quebec	Frizzleton, Inverness County, Cape Breton Island, Nova Scotia
1915, C. E. Johnson	1935, V. E. Gould
Paratypes 2472, 2487	Paratypes 13866, 13879
<i>Marmota caligata raceyi</i> Anderson	<i>Perognathus laingi</i> Anderson
Nat. Mus. Can. Bull. 70:112, 1932	Nat. Mus. Can. Bull. 70:10, 1932
Holotype 11430	Holotype 9200
Itcha Mountains, Chilcotin Plateau, Coast District, British Columbia	Anarchist Mountain near Osoyoos-Bridesville summit, about 8 mi. E Osoyoos Lake, British Columbia
1931, K. Racey	1928, H. M. Laing
Paratype 11431	Paratypes 9201, 9204, 9213, 9218, 9222
<i>Tamiasciurus hudsonicus laurentianus</i> Anderson	<i>Peromyscus maniculatus interdictis</i> Anderson
Ann. Rept. Provancher Soc. Nat. Hist. Canada, 1941, p. 31, 1942	Nat. Mus. Can. Bull. 70:110, 1932
Holotype 9322	Holotype 11432
Lac Marchant, near Moise Bay, Saguenay County, Quebec	Forbidden Plateau, 17 mi. W Comox, Vancouver Island, British Columbia
1928, C. G. Harrold	1932, H. M. Laing
Paratype 9323	Paratypes 11433, 11434
<i>Tamiasciurus hudsonicus ungavensis</i> Anderson	<i>Peromyscus sitkensis isolatus</i> Cowan
Ann. Rept. Provancher Soc. Nat. Hist. Canada, 1941, p. 33, 1942	Univ. Calif. Publ. Zool. 40:434, 1935
Holotype 11278	Holotype 34514
Lake Waswanipi, Abitibi District, Quebec	Pine Island, Queen Charlotte Islands, British Columbia
1931, F. McLeod	1930, K. E. Racey
Paratypes 11009, 11010, 11275 - 11277, 11282	

Evotomys dawsoni Merriam
Amer. Nat. 22:650, 1888
Holotype 92
Finlayson River, Yukon Territory
1887, G. M. Dawson

Clethrionomys rutilus platycephalus
Manning
Nat. Mus. Can. Bull. 144:50, 1957
Holotype 20860
8 mi. S Tuktoyaktuk, District of Mackenzie, Northwest Territories
1952, T. H. Manning
Paratypes 20815 – 20915

Clethrionomys gapperi gaspeanus
Anderson
Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942 p. 57, 1943
Holotype 4953
Berry Mountain Camp near junction Berry Mountain Brook and Grand Cascapedia River, Matane County, Quebec
1923, R. M. Anderson
Paratypes 4961 – 4963, 4979, 4980, 4984

Clethrionomys gapperi hudsonius
Anderson
Rapport Annuel 1939, Société Provancher d'histoire naturelle du Canada, p. 73, 1940
Holotype 3557
Kapuskasing, on Kapuskasing River about 64 mi. W Cochrane, Ontario
1940, C. E. Johnson
Paratypes 3538, 3541, 3544 – 3546, 3548, 3550 – 3553, 3556, 3560, 3571

Phenacomys intermedius Merriam
N. Amer. Fauna 26:32, 1889
Holotype 118
20 mi. NNW Kamloops, British Columbia
1888, G. M. Dawson

Phenacomys intermedius laingi
Anderson
Canadian Field Nat. 56(4):59, 1942
Holotype 16528
Kimsquit River, Cornice Creek near head Dean Inlet, British Columbia
1939, H. M. Laing

Phenacomys ungava soperi Anderson
Canadian Field Nat. 56(4):58, 1942
Holotype 17131
Near Swanson Creek, middle Sect. 34, Township 19, Range 17, Riding Mountain National Park, Wasagaming on Clear Lake, Manitoba
1941, J. Soper

Microtus andersoni Rand
Nat. Mus. Can. Bull. 99:42, 1945
Holotype 18107
"Plains of Abraham" near headwaters Little Keele River, 82 mi. W Mackenzie River, Canol Road, Northwest Territories
1944, W. H. Bryenton
Paratypes 18110 – 18112

Microtus pennsylvanicus arcticus
Cowan
J. Mamm. 32:353, 1951
Holotype 34515
Kidluit Bay, Richards Island, District of Mackenzie, Northwest Territories
1947, I. McTaggart Cowan

Microtus pennsylvanicus copelandi
Youngman
J. Mamm. 48(4):581, 1967
Holotype 5777
Near North Head, Grand Manan Island, New Brunswick
1925, C. H. Young
Paratypes 5773 – 5776, 5781, 5782, 5784, 5787 – 5789, 5791, 5794, 5796 – 5801

<i>Microtus pennsylvanicus magdalenensis</i> Youngman J. Mamm. 48(4):579, 1967 Holotype 27603 Grindstone Island, Magdalen Islands, Quebec 1959, A. W. Cameron Paratypes 27596 - 27600, 27604, 27605, 27607 - 27624, 27626 - 27637, 27640, 27641, 27643 - 27645	<i>Synaptomys borealis smithi</i> Anderson and Rand Canadian Field Nat. 57:101, 1943 Holotype 14815 Thicket Portage, Mi. 165, Hudson Bay Railway, Manitoba 1943, R. W. Smith Paratype 14819
<i>Microtus townsendi laingi</i> Anderson and Rand Canadian Field Nat. 57:73, 1943 Holotype 13423 Port Hardy, Vancouver Island (North end), British Columbia 1935, H. M. Laing	<i>Dicrostonyx groenlandicus kilangmiutak</i> Anderson and Rand J. Mamm. 26(3):305, 1945 Holotype 3993 De Haven Point, Victoria Island, District of Franklin, Northwest Territories 1918, J. F. Bernard Paratypes 3989, 3994, 3995, 25387, 25405 - 25410, 25414 - 25416, 25446
<i>Microtus cantator</i> Anderson Nat. Mus. Can. Bull. 102:161, 1947 Holotype 17236 Near Teepee Lake, N slope St. Elias Range, Yukon Territory 1943, C. H. D. Clarke Paratype 17327	<i>Dicrostonyx groenlandicus latus</i> Handley J. Washington Acad. Sci. 43:198, 1953 Holotype 11404 Lake Harbour, Baffin Island, District of Franklin, Northwest Territories 1931, J. E. Soper
<i>Lemmus trimucronatus phaiocephalus</i> Manning and Macpherson Arctic Inst. North America, Tech. Paper 2, p. 27, 1958 Holotype 20705 Mahogany Point, Castel Bay, north coast Banks Island, Northwest Territories 1953, T. H. Manning Paratypes 20693 - 20704, 20706 - 20710, 20714	<i>Dicrostonyx torquatus nunatakensis</i> Youngman Proc. Biol. Soc. Washington 80:31, 1967 Holotype 29503 20 mi. S Chapman Lake, Yukon Territory 1961, P. M. Youngman Paratypes 29499 - 29502, 29504, 29505, 33426, 33427, 31337
<i>Synaptomys borealis artemisiae</i> Anderson Nat. Mus. Can. Bull. 70:104, 1932 Holotype 7952 Stevenson Creek, SW of Princeton, east slope Cascade Range, British Columbia 1927, H. M. Laing Paratypes 7953, 7960, 7961	<i>Zapus hudsonius ontarioensis</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 59, 1943 Holotype 12843 Pancake Bay, Algoma District, Ontario 1935, H. P. Stovall

	Carnivora
Paratypes 12839, 12870, 12873, 12890, 12910 - 12915, 12918, 12922, 12945, 12951, 12952, 12970 - 12972, 12981, 12982, 12989, 12999, 13000 - 13004, 13014 - 13016, 13032 - 13035, 13045, 13046, 13054, 13056, 13061, 13068 - 13072, 13080, 13081, 13091, 13092, 13099 - 13101, 13105, 13109, 13119, 13120, 13134, 13164, 13180, 13183, 13215, 13216, 13236, 13244, 13245 - 13247, 13254, 13282, 13289, 13297, 13298, 13301, 13307	<i>Canis lupus bernardi</i> Anderson J. Mamm. 24(3):389, 1943 Holotype 2796 Cape Kellett, Banks Island, District of Franklin, Northwest Territories 1916, P. Bernard Paratypes 2793 - 2795, 3504 - 3507
<i>Zapus princeps kootenayensis</i> Anderson Nat. Mus. Can. Bull. 70:108, 1932 Holotype 10020 Near summit Green Mountain, head Murphy Creek, 10 mi. N Rossland, West Kootenay District, British Columbia 1929, R. M. Anderson Paratypes 10006 - 10010, 10021 - 10023, 10139	<i>Canis lupus mackenii</i> Anderson J. Mamm. 24(3):388, 1943 Holotype 2792 Imnanuit W of Kater Point, Bathurst Inlet, District of Mackenzie, Northwest Territories 1916, R. M. Anderson
<i>Napeozapus insignis gaspensis</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist., Canada 1941, p. 39, 1942 Holotype 4786 Berry Mountain Brook, a tributary of Grand Cascapedia River, Gaspé County, Quebec 1922, R. M. Anderson	<i>Canis lupus manningi</i> Anderson J. Mamm. 24(3):392, 1943 Holotype 17236 Hantzsch River, Baffin Island, District of Franklin, Northwest Territories 1938, T. H. Manning
<i>Napeozapus insignis saguenayensis</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1941, p. 40, 1942 Holotype 9318 Trout Lake, near Moise Bay, Saguenay County, Quebec 1928, C. G. Harrold Paratypes 9312, 9313, 9315	<i>Ursus americanus hamiltoni</i> Cameron J. Mamm. 37(4):538, 1957 Holotype 19818 Big Falls Humber River, Newfoundland 1949, A. W. Cameron Paratype 22009
	<i>Euarctos hunteri</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1944, p. 22, 1945 Holotype 9577 Near mouth Prairie Creek, South Nahanni River, District of Mackenzie, Northwest Territories 1928, F. Hunter
	<i>Euarctos randi</i> Anderson Ann. Rept. Provancher Soc. Nat. Hist. Canada 1944, p. 19, 1945 Holotype 17957 Sheldon Mountain, Yukon Territory 1944, A. L. Rand Paratypes 17959, 17970, 18038

<i>Ursus internationalis</i> Merriam	<i>Phoca hispida soperi</i> Anderson
Proc. Biol. Soc. Washington 27:177, 1914	Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942, p. 27, 1943
Holotype 1763	Holotype 6016
Alaska-Yukon boundary, about 50 mi. S Arctic Coast	Near mouth Takuirbing River, Nettiling Lake, Baffin Island, District of Franklin, Northwest Territories
1912, F. Lambart	1925, J. D. Soper
	Paratypes 6023, 6025 – 6027
<i>Mustela erminea fallenda</i> Hall	
J. Mamm. 26(1):79, 1945	
Holotype 7096	
Huntingdon, British Columbia	
1927, C. H. Young	
Paratypes 7106, 7110, 7151, 7174, 7284, 7292, 7293, 7515, 7516, 7529, 7534, 7541, 7561	
<i>Mustela vison lowii</i> Anderson	
Ann. Rept. Provancher Soc. Nat. Hist. Canada 1944, p. 57, 1945	
Holotype 11558	
Mistassini Post, Mistassini Lake, Mistassini District, Quebec	
1932, W. Jeffreys	
Paratypes 11250, 11251, 11253 – 11255, 11554 – 11557, 11559, 11560, 11561, 11563	
<i>Lutra canadensis chimo</i> Anderson	
Ann. Rept. Provancher Soc. Nat. Hist. Canada 1944, p. 59, 1945	
Holotype 11059	
Fort Chimo, Ungava District, Quebec	
1930, J. Blackwell	
Paratypes 11080 – 11083, 12558	
Pinnipedia	
<i>Phoca hispida beaufortiana</i> Anderson	<i>Cervus tarandus caribou</i> Gmelin 1788
Ann. Rept. Provancher Soc. Nat. Hist. Canada 1942 p. 25, 1943	Linn., Syst. Nat. 13 ed. 1:177, 1788
Holotype 2807	Neotype designation by Banfield, Nat. Mus. Can. Bull. 185:61, 1963
Cockburn Point, Dolphin and Union Strait, District of Mackenzie, NWT	Neotype 4800
1914, F. Johansen	Mont Albert, Shickshock Mountains, Gaspé West County, Quebec
	1922, R. M. Anderson
	<i>Cervus tarandus groenlandicus</i> Linn.
	Syst. Nat. 12 ed. 1:98, 1767
	Neotype designation by Banfield, Nat. Mus. Can. Bull. 185:61, 1963
	Neotype 8831
	Nugsuak Peninsula west coast, Greenland

Bison bison athabascae Rhoads
Proc. Acad. Nat. Sci. Philadelphia
49:498, 1898
Holotype 299
Within 50 miles of Fort Resolution, Dis-
trict of Mackenzie, Northwest Territories
1892 (?), W. Pike

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